

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
59522SERIAL NO.
08/693,983LIST OF ART CITED BY
APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Thomas M. COWAN et al.FILING DATE
August 7, 1996GROUP
2612J 017 U.S. 83
09/875476

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROP.
ML	AA	5	3	8	9	9	6	4	2/14/95	Oberle et al.	348	9	
	AB	5	2	3	1	4	9	4	07/27/93	Wachob	358	146	
	AC	5	1	5	5	5	9	1	10/12/92	Wachob	358	86	
	AD	R	E	3	3	8	0	8	1/28/92	Wright, Jr.	358	86	
	AE	5	0	5	5	9	2	4	10/8/91	Skutta	358	84	
	AF	4	9	7	4	0	8	5	11/27/90	Campbell et al.	358	181	
	AG	4	9	7	2	5	0	4	11/20/90	Daniel, Jr. et al.	455	2	
	AH	4	9	2	9	9	0	5	5/29/90	Ruitenburg	329	358	
	AI	4	8	8	5	6	3	2	12/5/89	Mabey et al.	358	84	
	AJ	4	8	7	8	2	4	5	10/31/89	Bradley et al.	380	10	
	AK	4	8	7	6	7	3	6	10/24/89	Kiewit	455	2	
	AL	4	8	4	7	6	8	5	7/11/89	Gall et al.	358	84	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
ML	AN	GB 2 052 196A	1/21/81	United Kingdom	H03D	1/22		
	AN							
	AO							
	AP							
	AQ							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

EXAMINER

ML

DATE CONSIDERED

9/21/05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
59522SERIAL NO.
08/693,953LIST OF ART CITED BY
APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Thomas M. COWAN et al.FILING DATE
August 7, 1996GROUP
2612

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROP.
PL	AA	4	7	8	9	8	9	7	12/6/88	Kappeler et al.	358	188	
	AB	4	7	8	3	8	4	3	11/8/88	Leff et al.	455	12	
	AC	4	7	3	6	3	9	0	4/5/88	Ward et al.	375	75	
	AD	4	7	3	3	3	0	1	3/22/88	Wright, Jr.	358	181	
	AE	4	7	2	3	3	0	2	2/2/88	Fulmer et al.	455	2	
	AF	4	6	3	3	3	1	5	12/30/86	Kasperkovitz	358	188	
	AG	4	6	3	0	1	0	8	12/16/86	Gomersall	358	84	
	AH	4	6	2	2	5	8	3	11/11/86	Watanabe et al.	358	84	
	AI	4	5	7	7	2	2	0	3/18/86	Laxton et al.	358	84	
	AJ	4	4	2	5	5	7	8	1/10/84	Haselwood et al.	358	84	
	AK	4	3	3	1	9	7	4	5/25/82	Cogswell et al.	358	86	
	AL	4	3	3	1	9	7	3	5/25/82	Eskin et al.	358	84	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

EXAMINER

PL

DATE CONSIDERED

9/21/05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
59522SERIAL NO.
08/693,953**LIST OF ART CITED BY
APPLICANT**

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Thomas M. COWAN et al.FILING DATE
August 7, 1996GROUP
2612**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROP.
<i>LC</i>	AA	4	3	2	9	6	7	5	5/11/82	Van Hulle	358	86	
	AB	4	2	7	2	7	2	9	6/9/81	Riley, Jr.	331	1	
	AC	4	2	1	6	4	9	7	8/5/80	Ishman et al.	358	84	
	AD	4	0	5	8	8	2	9	11/15/77	Thompson	358	84	
	AE	4	0	4	4	3	7	6	8/23/77	Porter	358	84	
	AF	4	0	3	5	8	3	8	7/12/77	Bassani	358	86	
	AG	4	0	2	0	4	1	9	4/26/77	Caspari et al.	325	421	
	AH	3	9	9	7	7	1	8	12/14/76	Ricketts et al.	178	6.8	
	AI	3	9	7	5	5	8	3	8/17/76	Meadows	178	5.6	
	AJ	3	9	3	5	5	3	4	1/27/76	Lewis et al.	325	308	
	AK	3	9	3	4	0	7	9	1/20/76	Barnhart	178	5.1	
	AL	3	8	9	9	6	3	3	8/12/75	Sorenson et al.	178	5.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

EXAMINER

LC

DATE CONSIDERED

9/2/10

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
59522SERIAL NO.
08/693,953LIST OF ART CITED BY
APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Thomas M. COWAN et al.FILING DATE
August 7, 1996GROUP
2612

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROP.
M	AA	3	8	6	4	6	3	6	2/4/75	Fukuda et al.	325	421	
	AB	3	7	8	9	1	3	1	1/29/74	Harney et al.	178	5.1	
	AC	3	7	1	4	5	7	5	1/20/73	Rogalski	325	53	
	AD	3	6	3	9	6	8	6	2/1/72	Walker et al.	178	5.8R	
	AE	3	3	6	6	7	3	1	1/20/68	Wallerstein	178	6	
	AF	3	3	1	2	9	0	0	4/4/67	Jaffe	325	31	
	AG												
	AH												
	AI												
	AJ												
	AK												
	AL												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	AL												YES	NO
	AM													
	AN													
	AO													
	AP													

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
	AS	
	AT	

EXAMINER

26Z

DATE CONSIDERED

9/2/96

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.